

FIG. 1

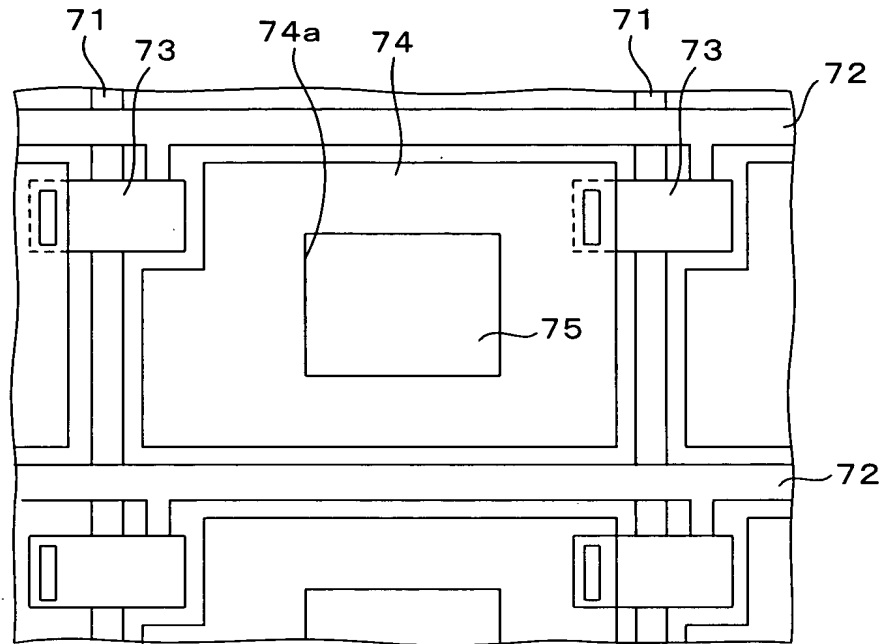


FIG. 2

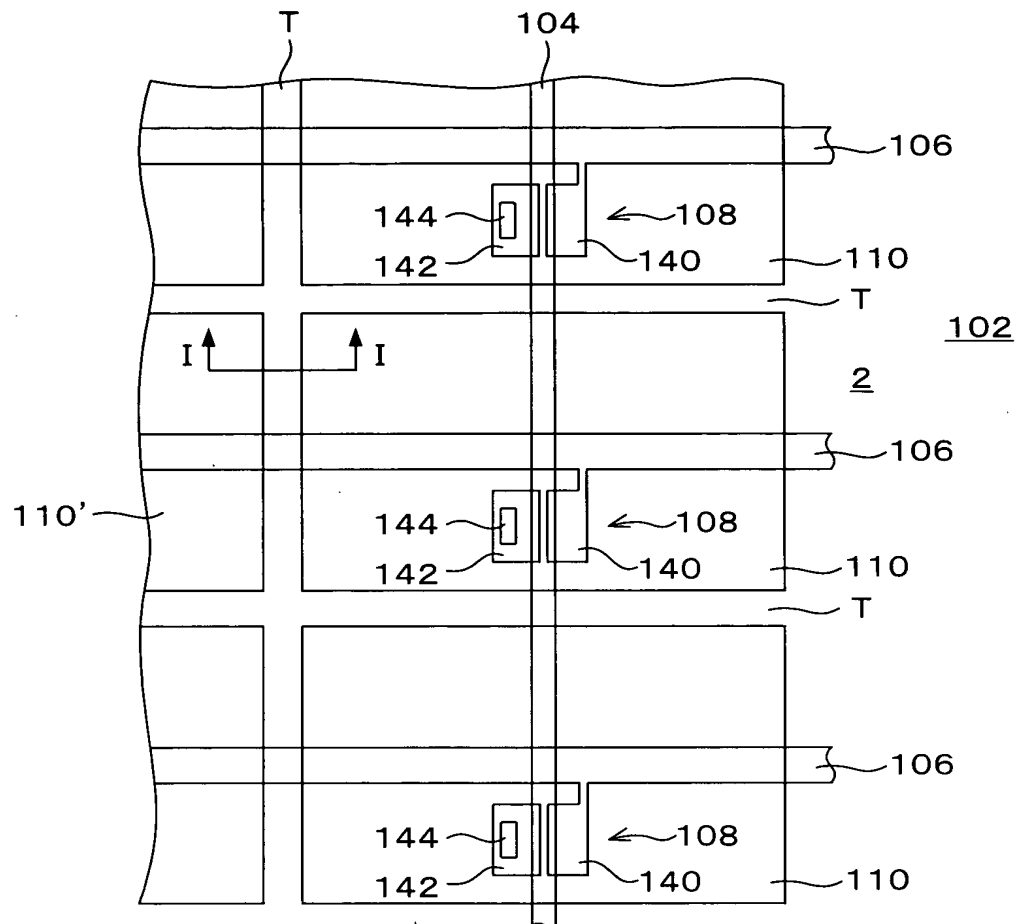


FIG. 3

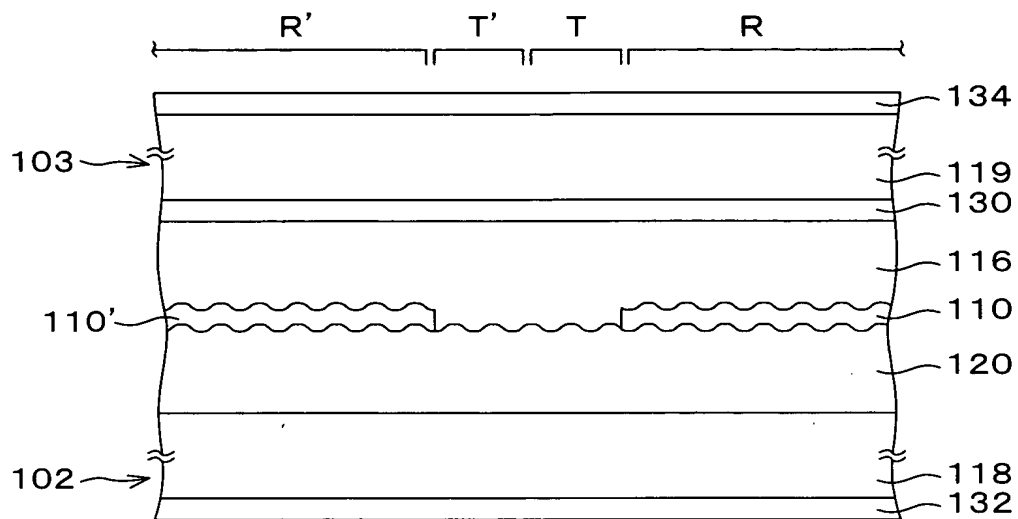


FIG. 4

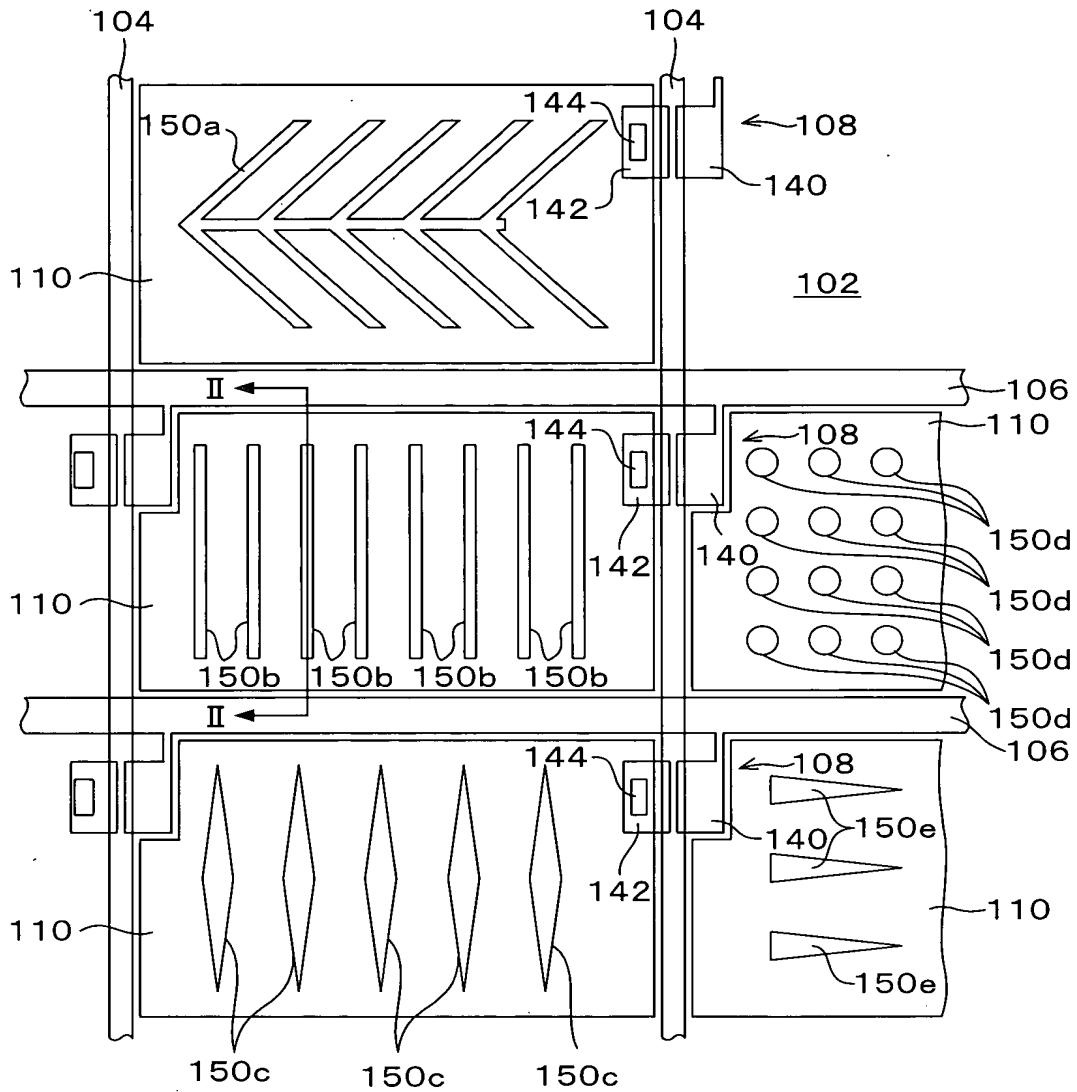


FIG. 5

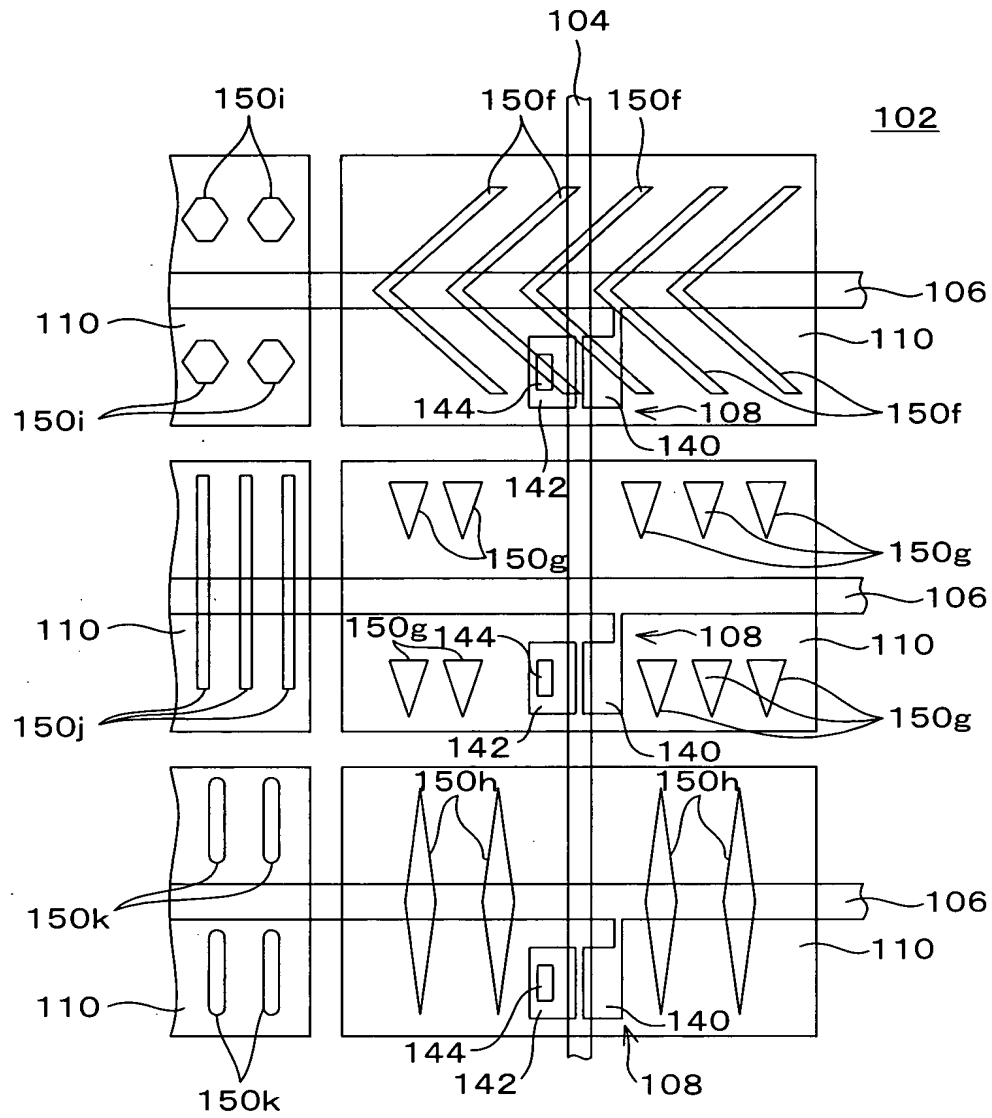


FIG. 6

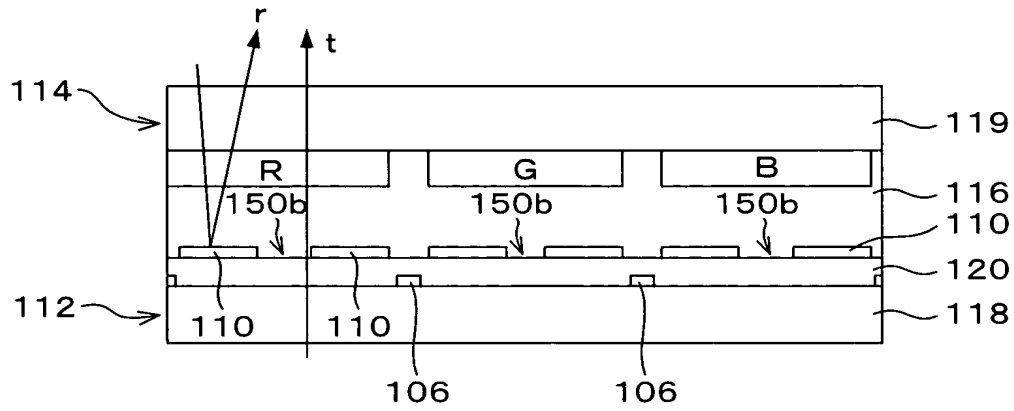


FIG. 7

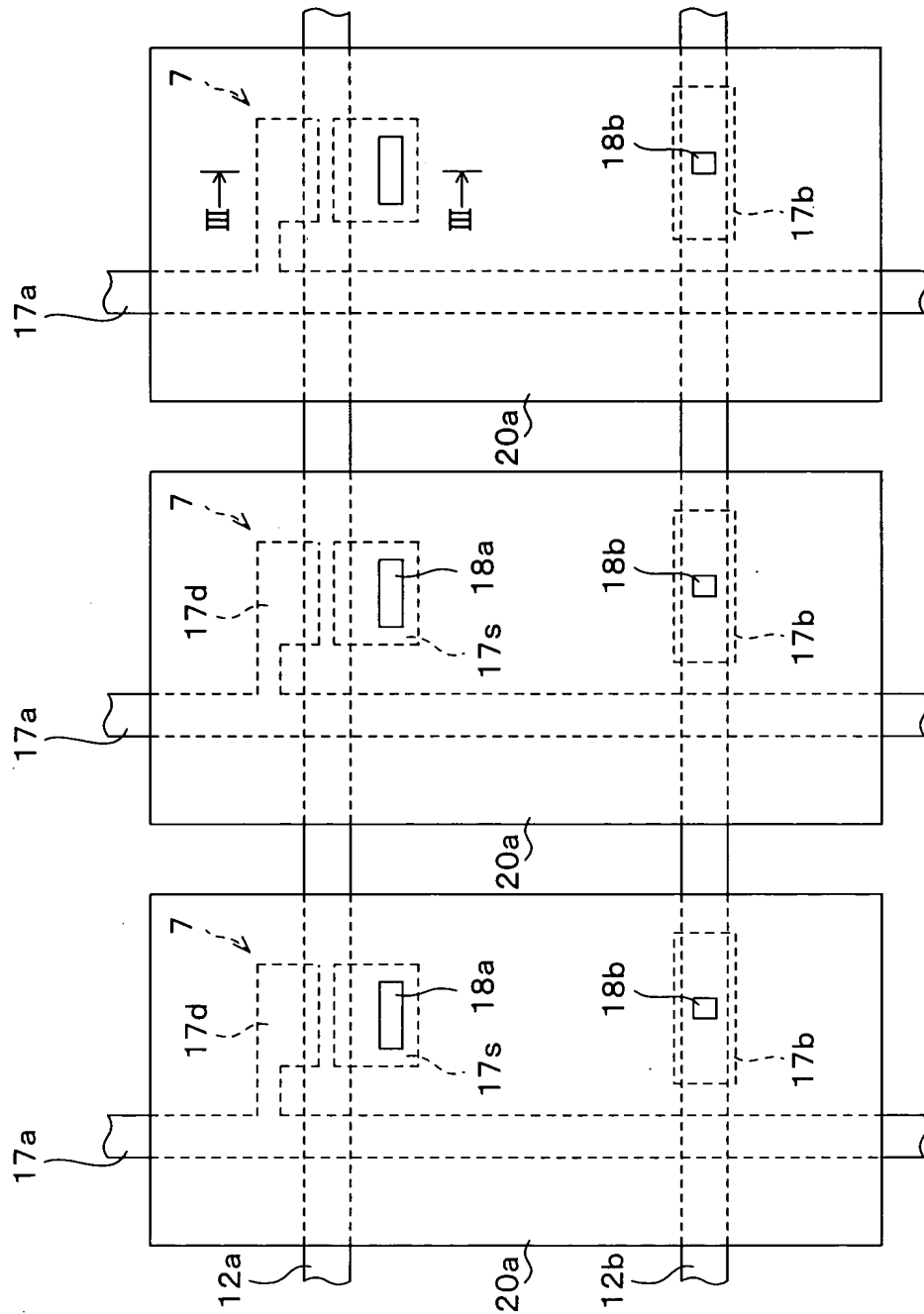


FIG. 8

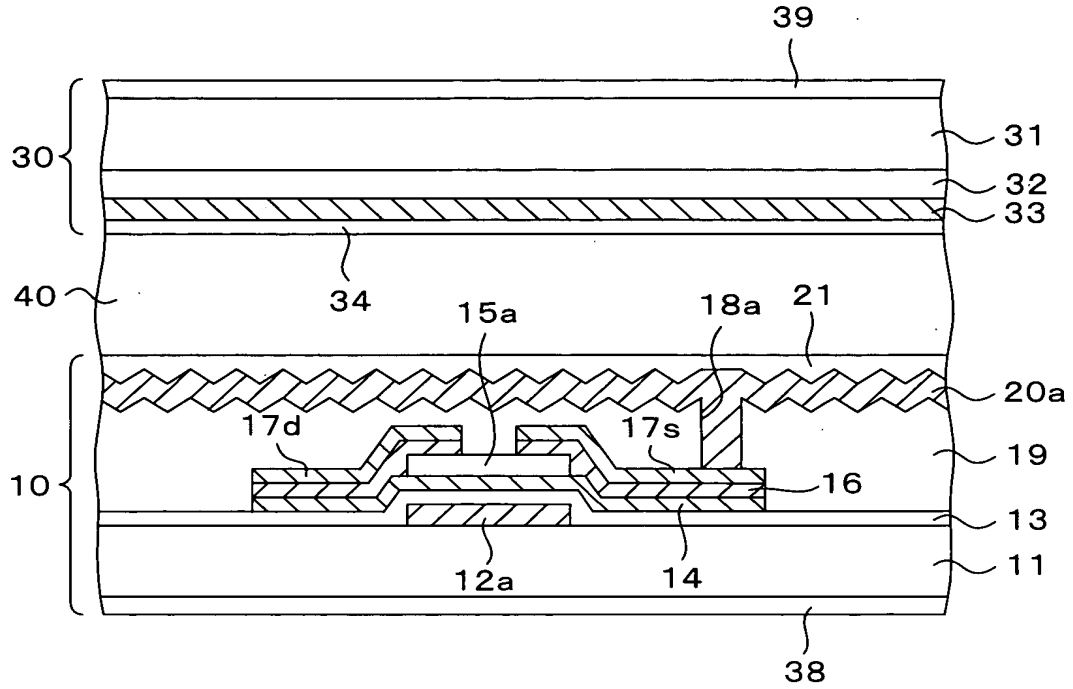


FIG. 9A

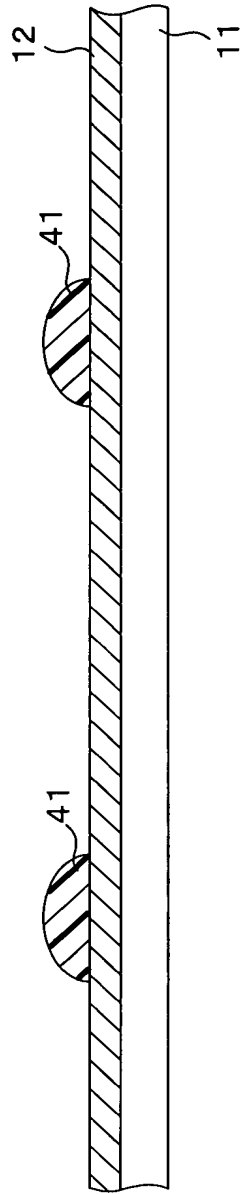


FIG. 9B

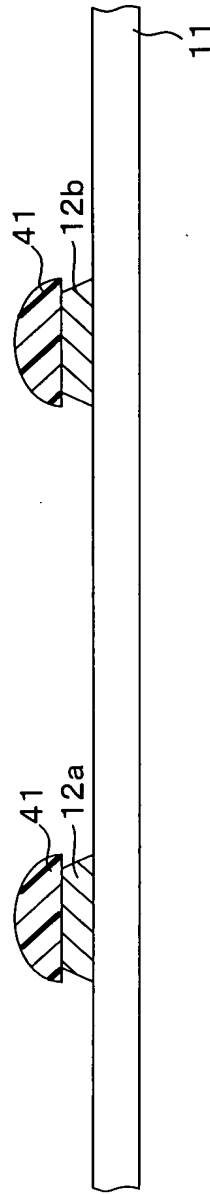


FIG. 9C

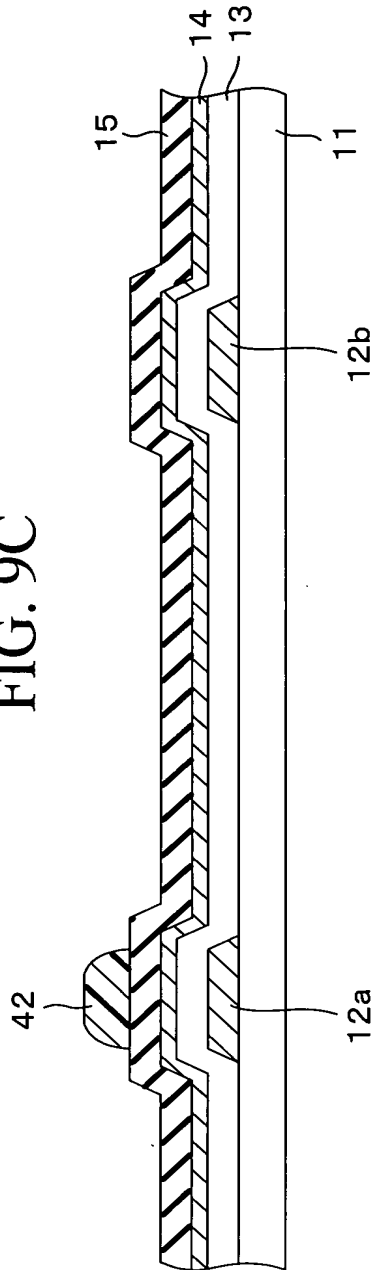


FIG. 9D

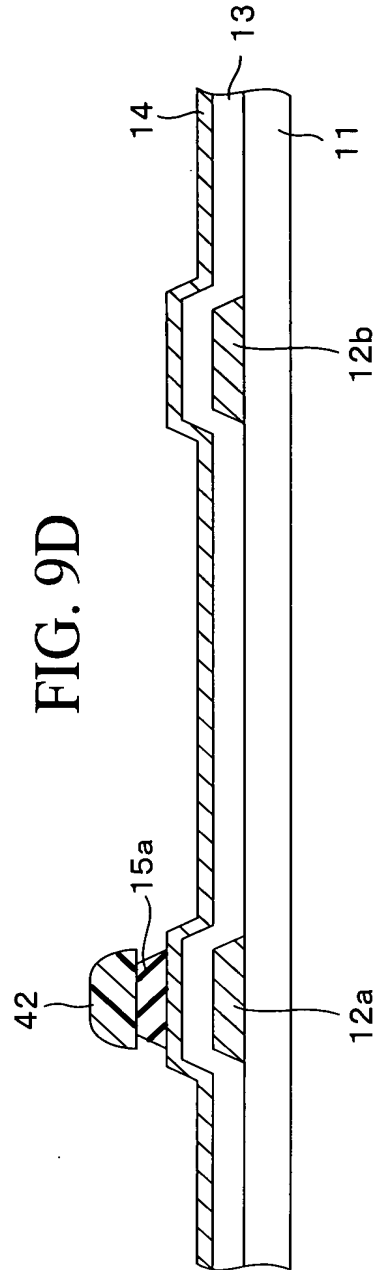


FIG. 9E

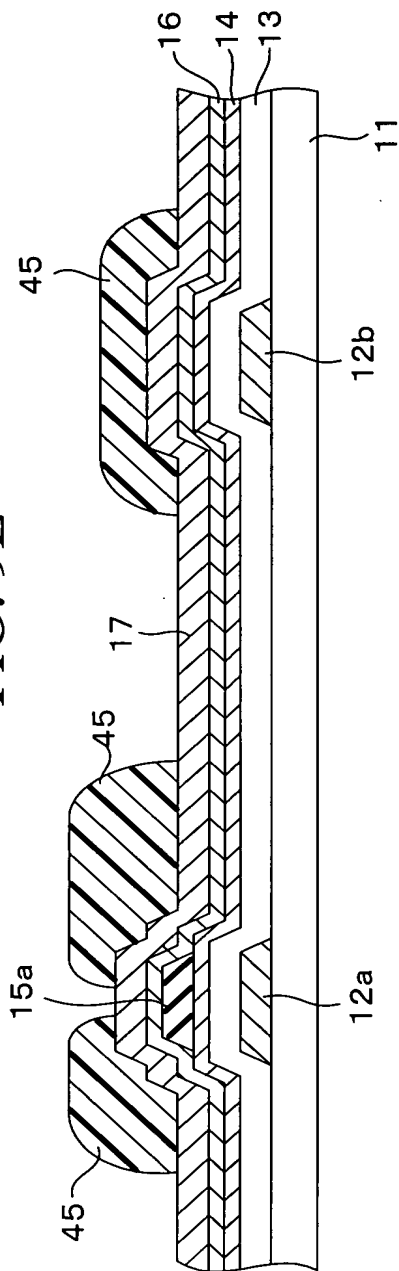


FIG. 9F

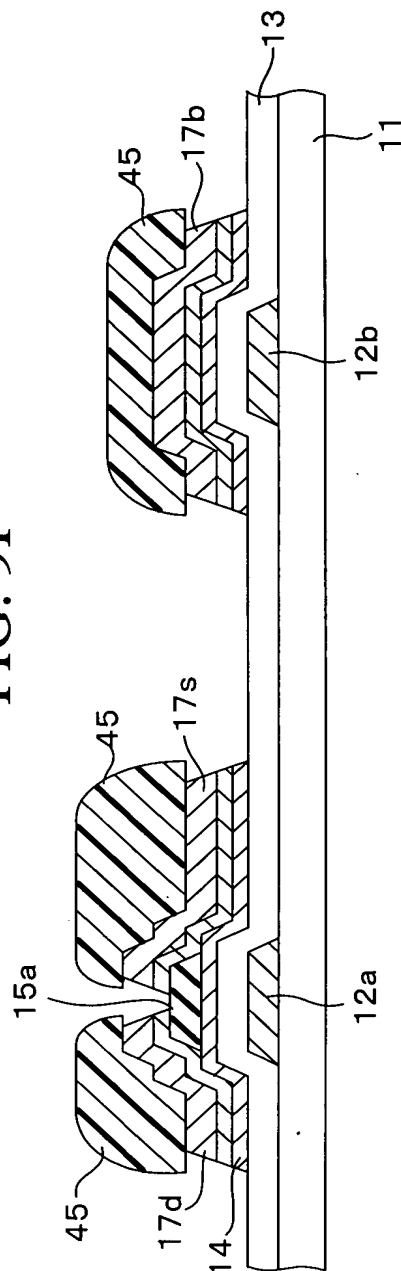


FIG. 9G

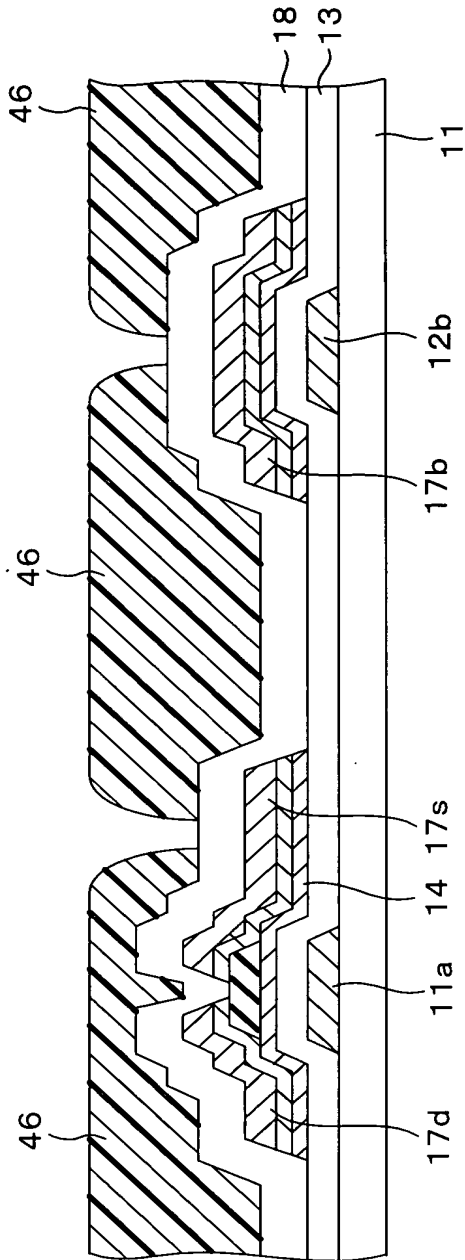


FIG. 9H

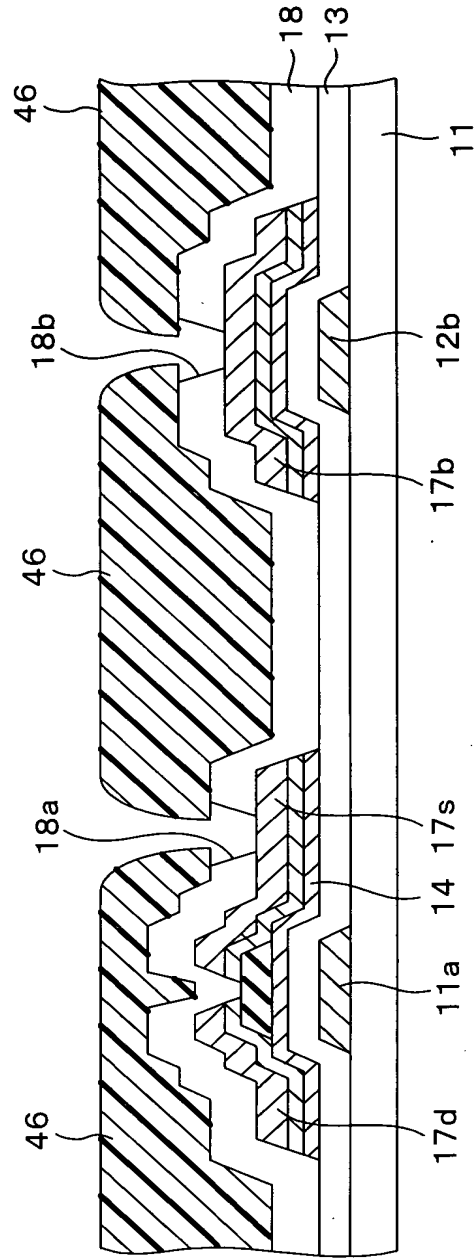


FIG. 9I

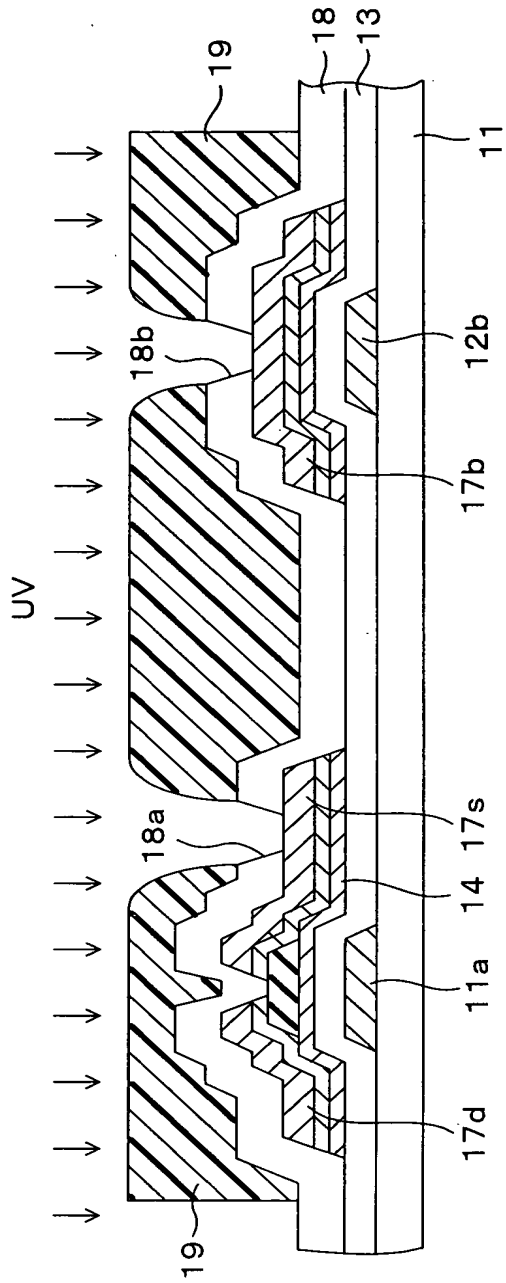


FIG. 9J

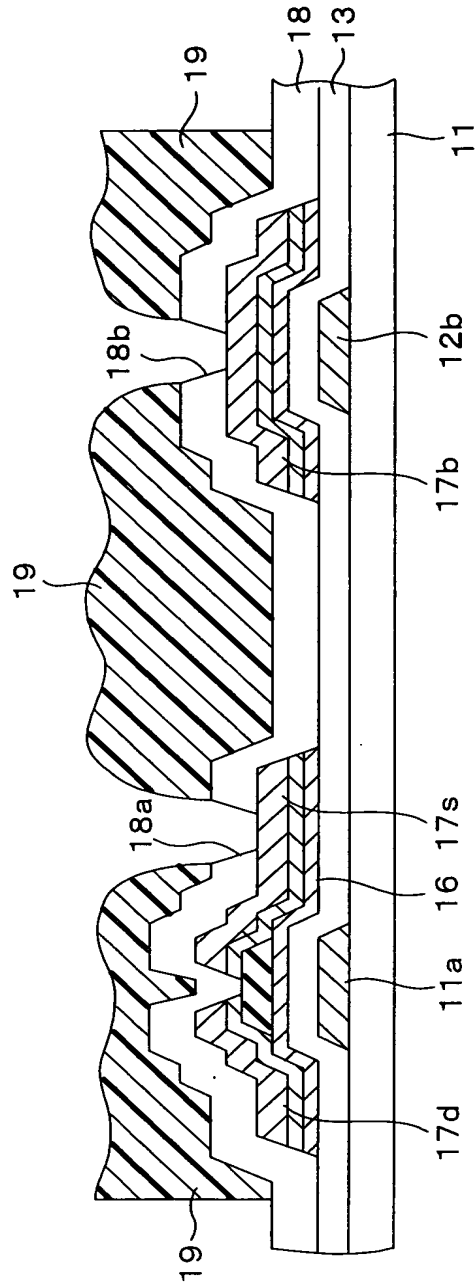


FIG. 9K

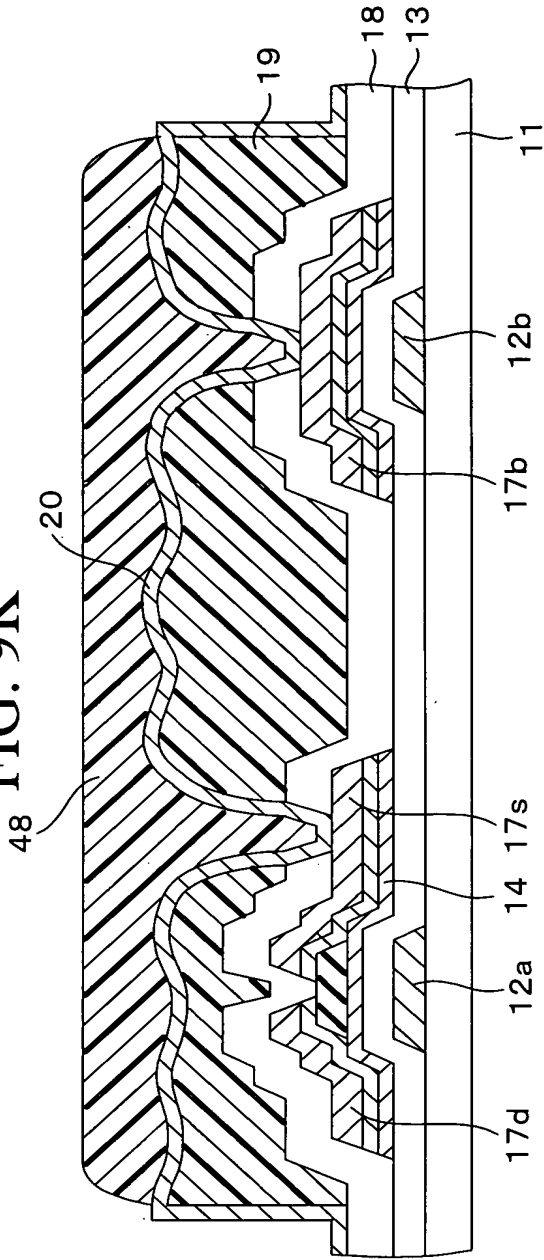


FIG. 9L

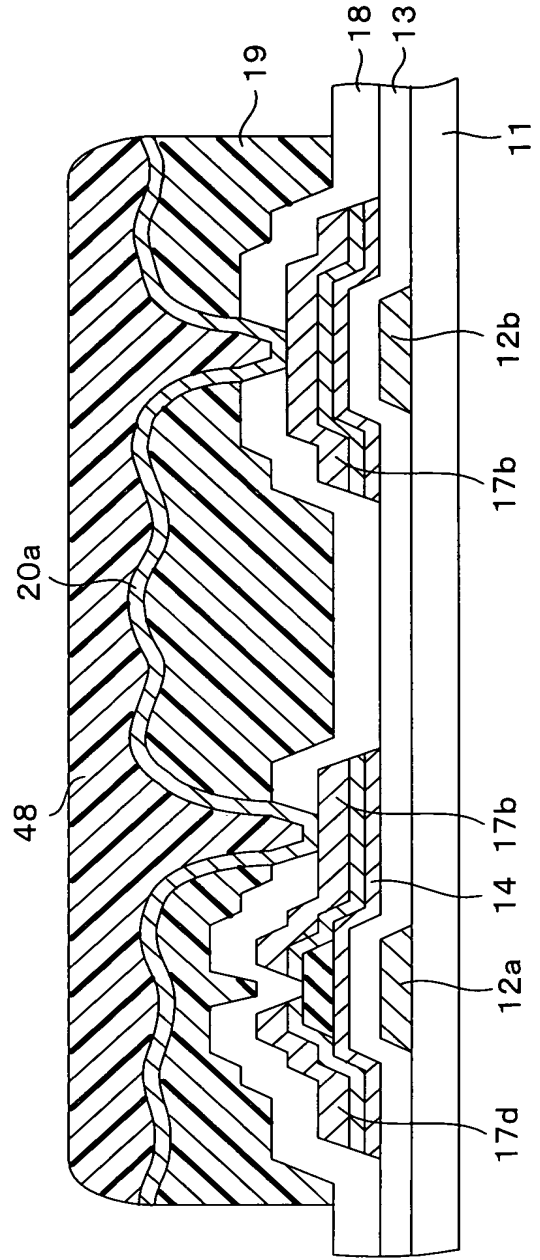


FIG. 9M

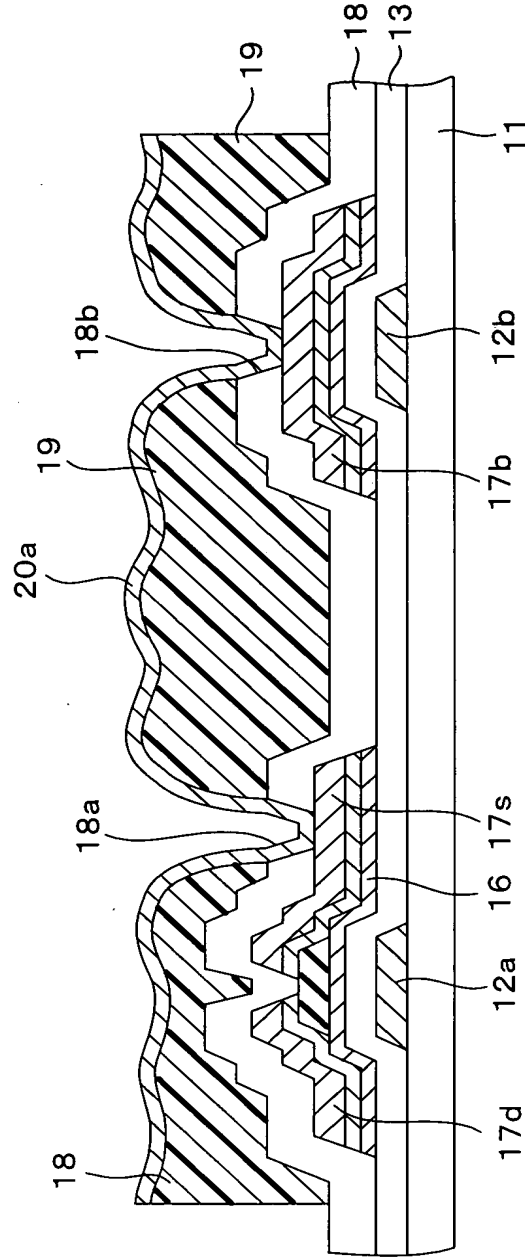
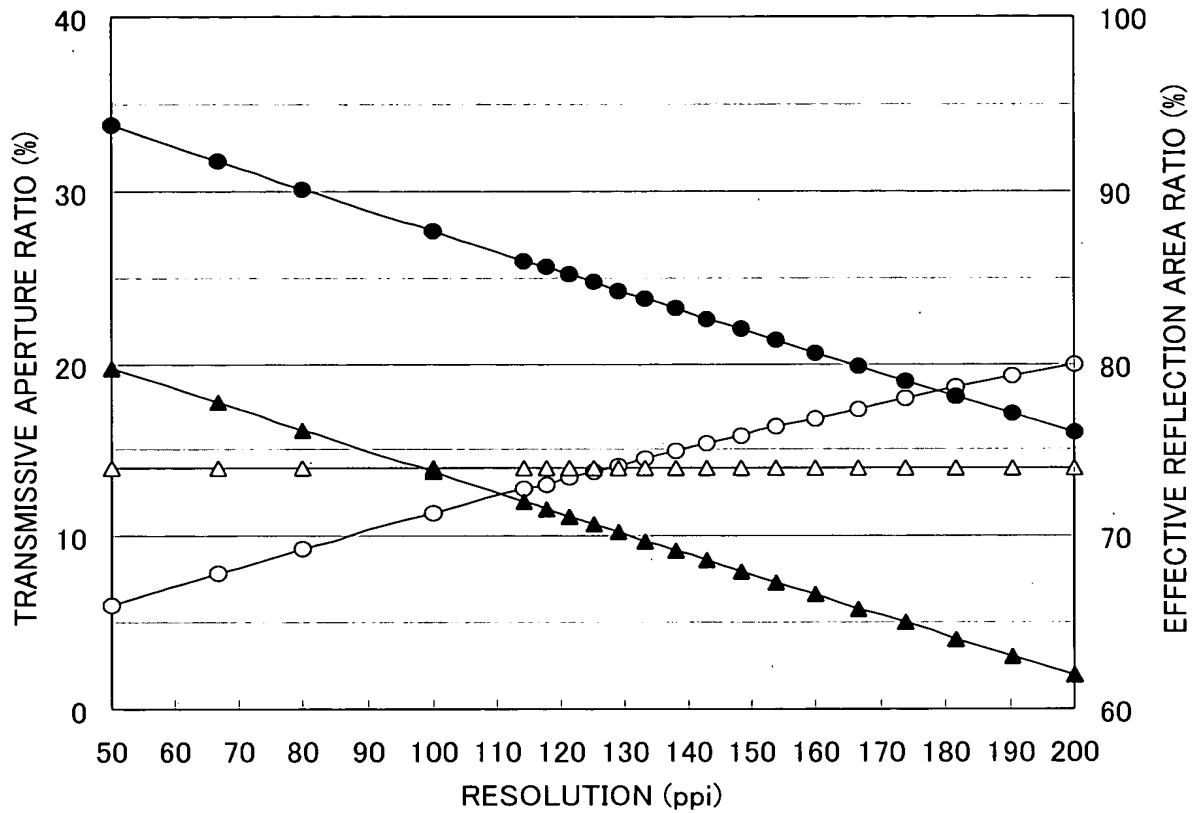


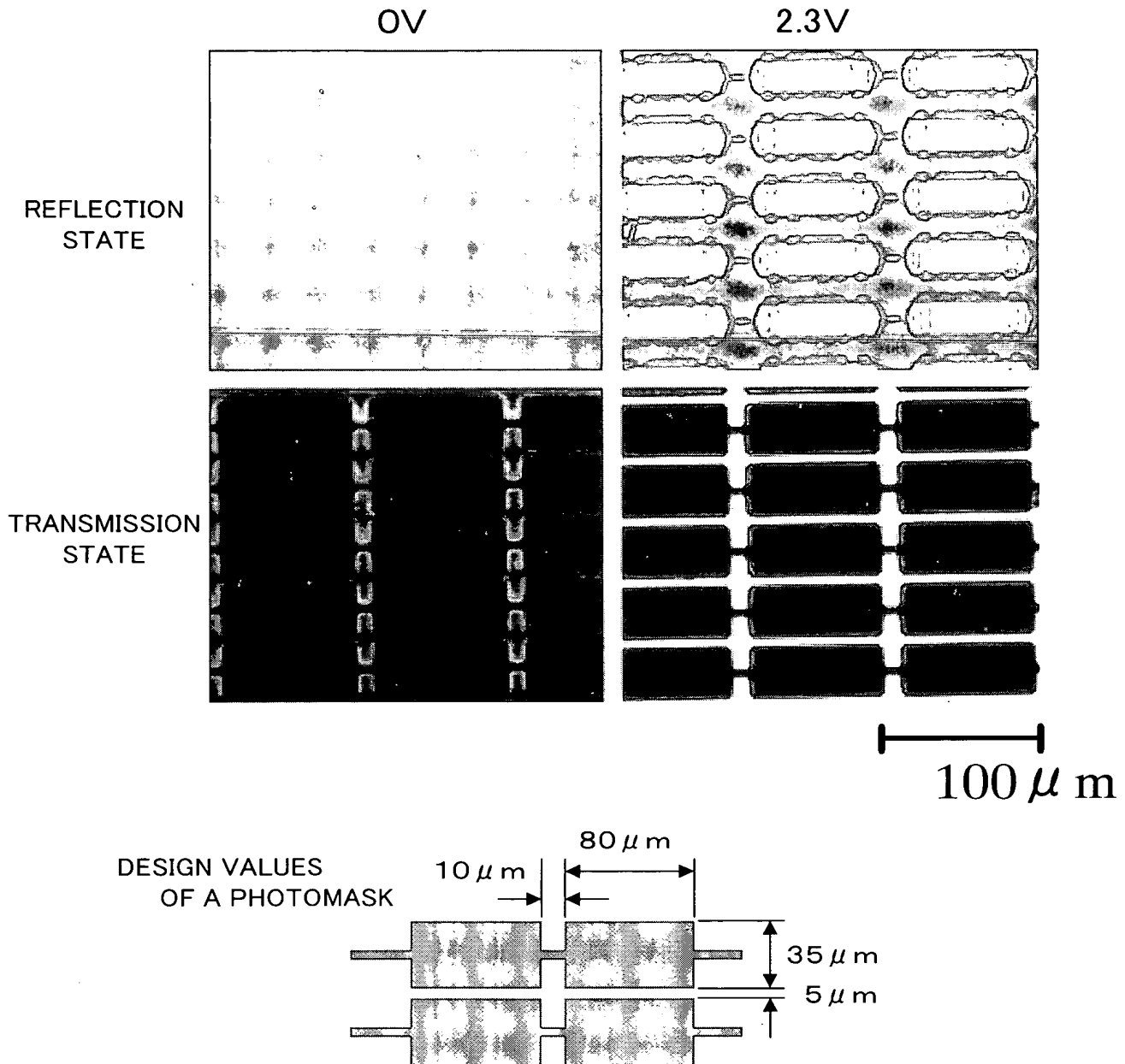
FIG. 10



- TRANSMISSIVE APERTURE RATIO (EMBODIMENT)
- △— TRANSMISSIVE APERTURE RATIO (CONVENTIONAL LCD)
- EFFECTIVE REFLECTION AREA RATIO (EMBODIMENT)
- ▲— EFFECTIVE REFLECTION AREA RATIO (CONVENTIONAL LCD)

FIG. 11

REFLECTION/TRANSMISSION CHARACTERISTICS (180ppi)



## FIG. 12

AFM IMAGE OF THE REFLECTION ELECTRODES

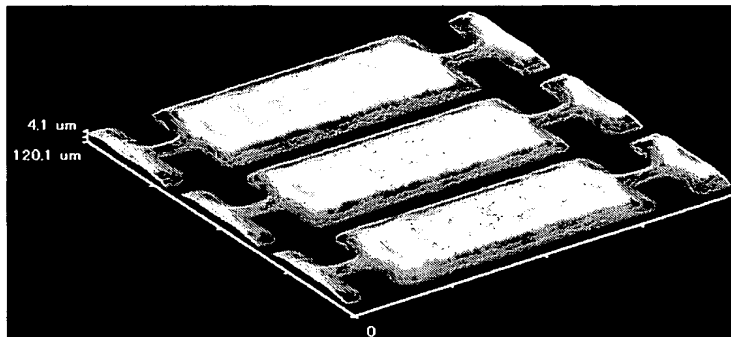


FIG. 13A

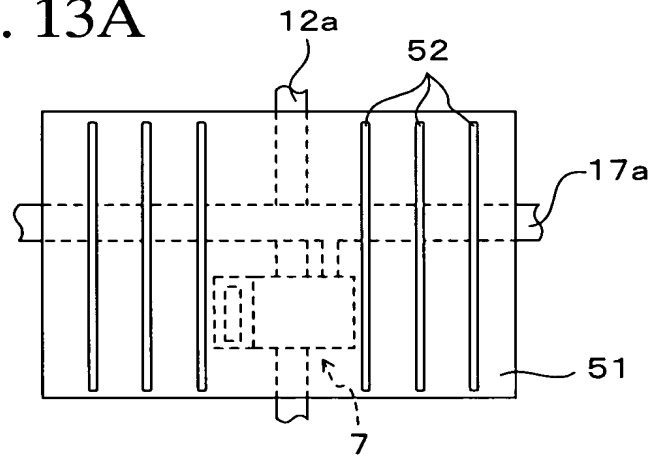


FIG. 13B

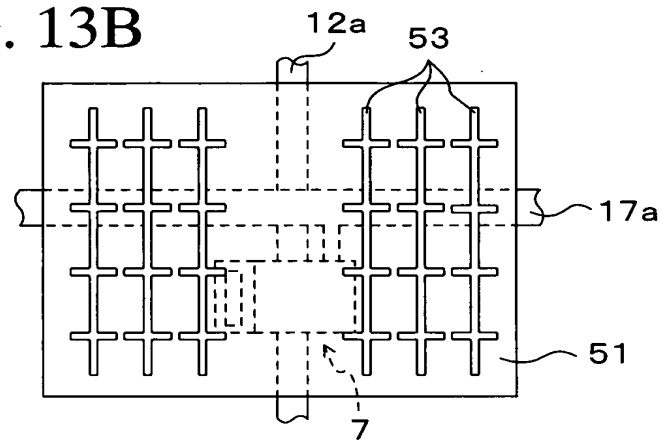


FIG. 13C

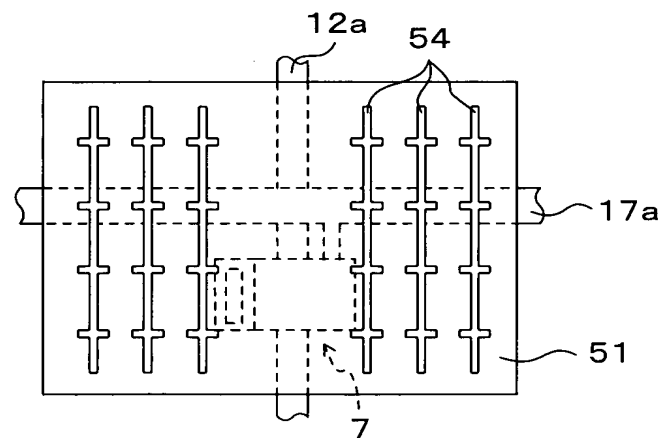
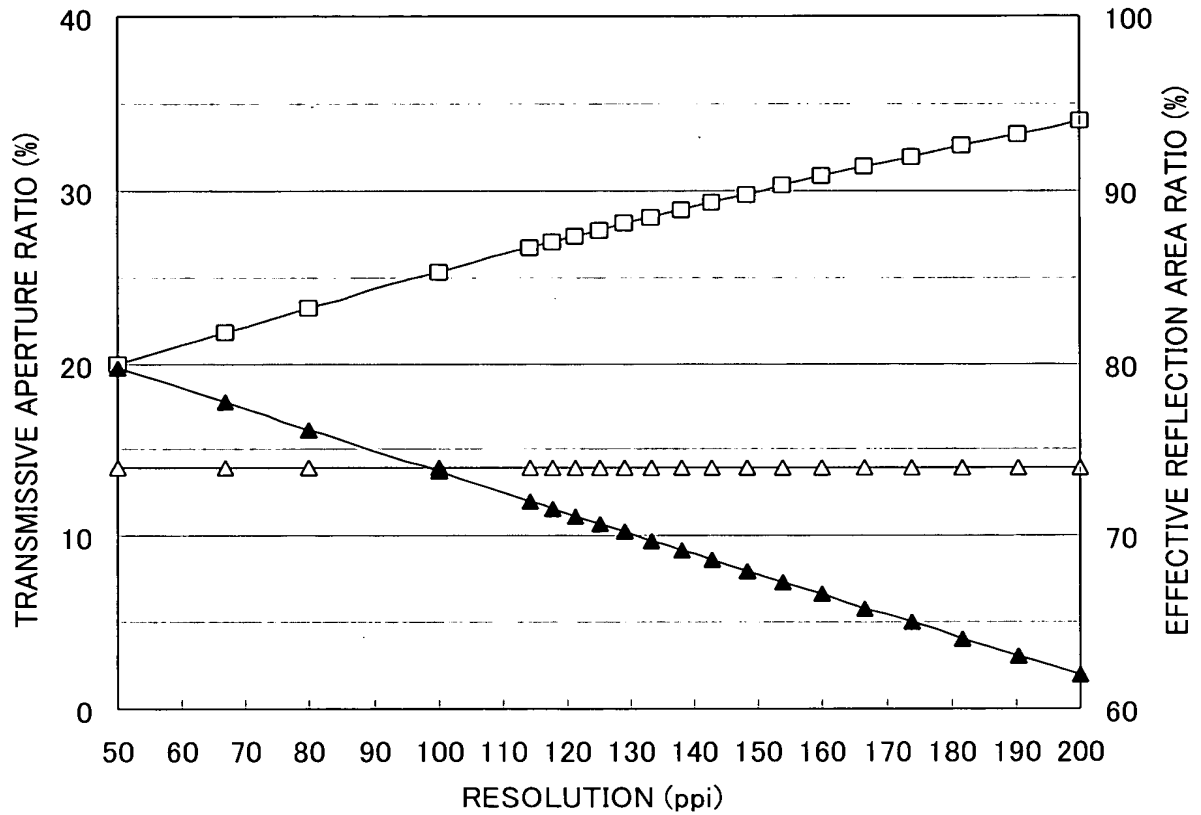


FIG. 14



- △— TRANSMISSIVE APERTURE RATIO (CONVENTIONAL LCD)
- TRANSMISSIVE APERTURE RATIO (EMBODIMENT)
- ▲— EFFECTIVE REFLECTION AREA RATIO (CONVENTIONAL AND EMBODIMENT)

FIG. 15

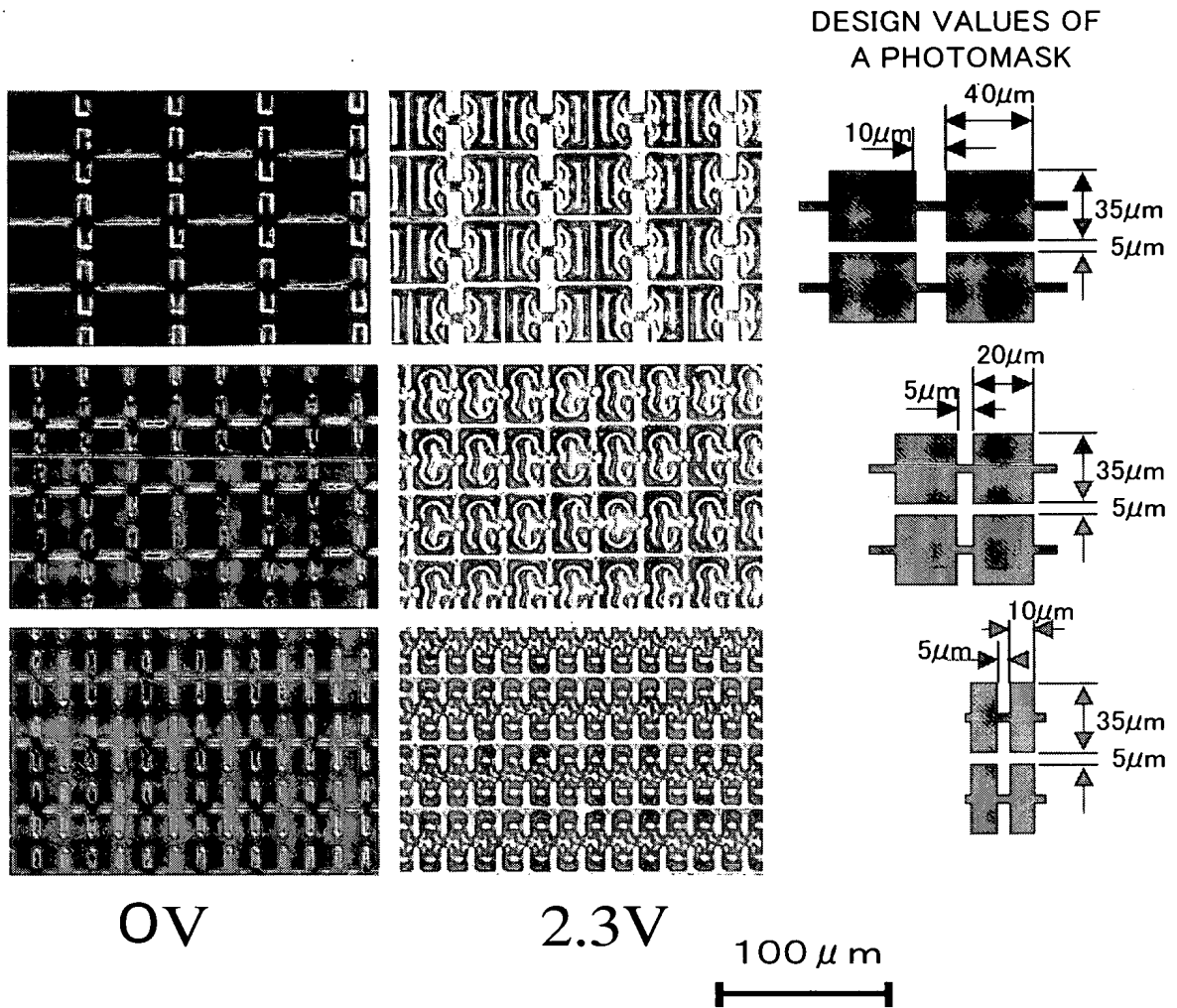


FIG. 16A

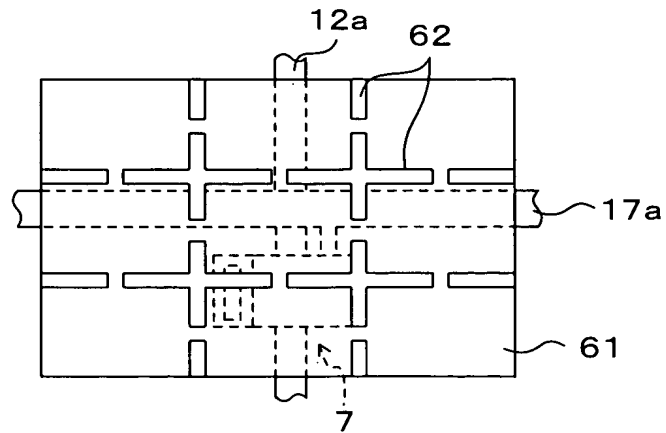


FIG. 16B

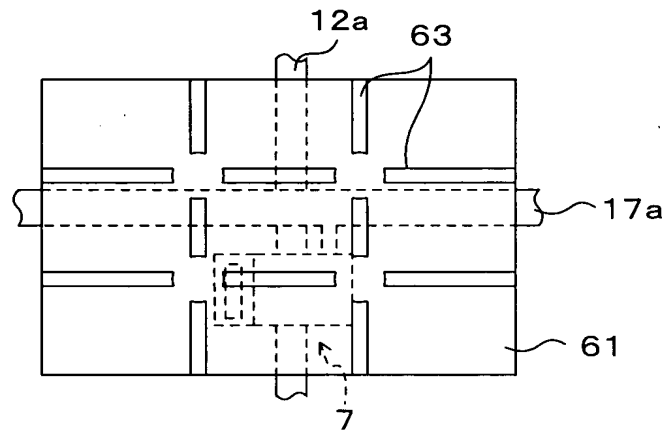


FIG. 16C

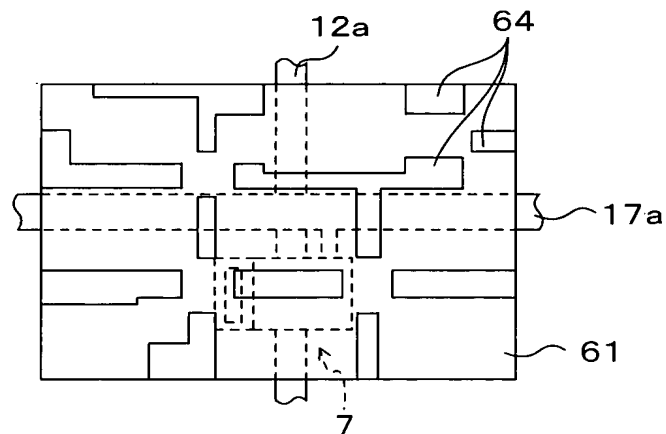


FIG. 17

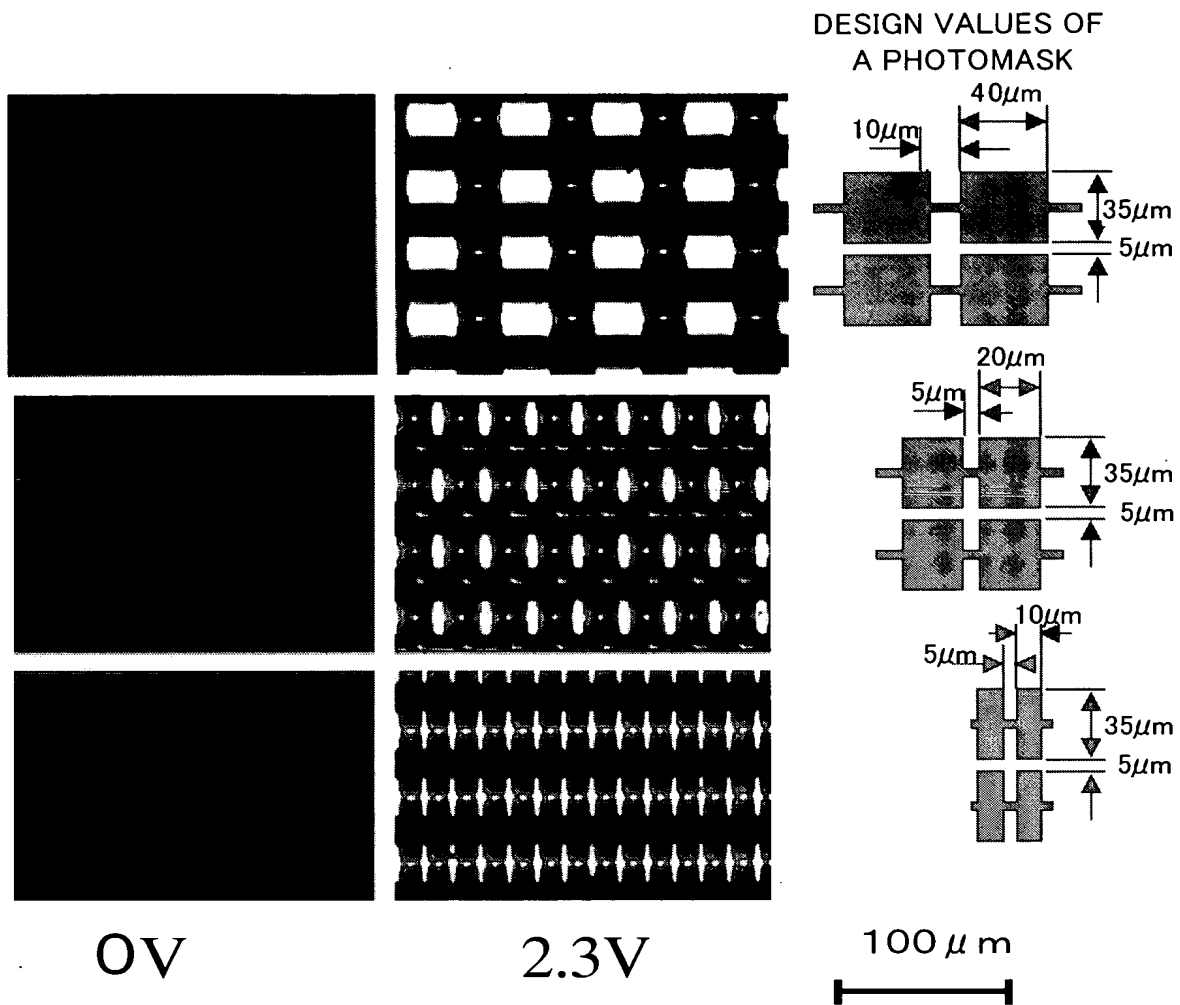


FIG. 18

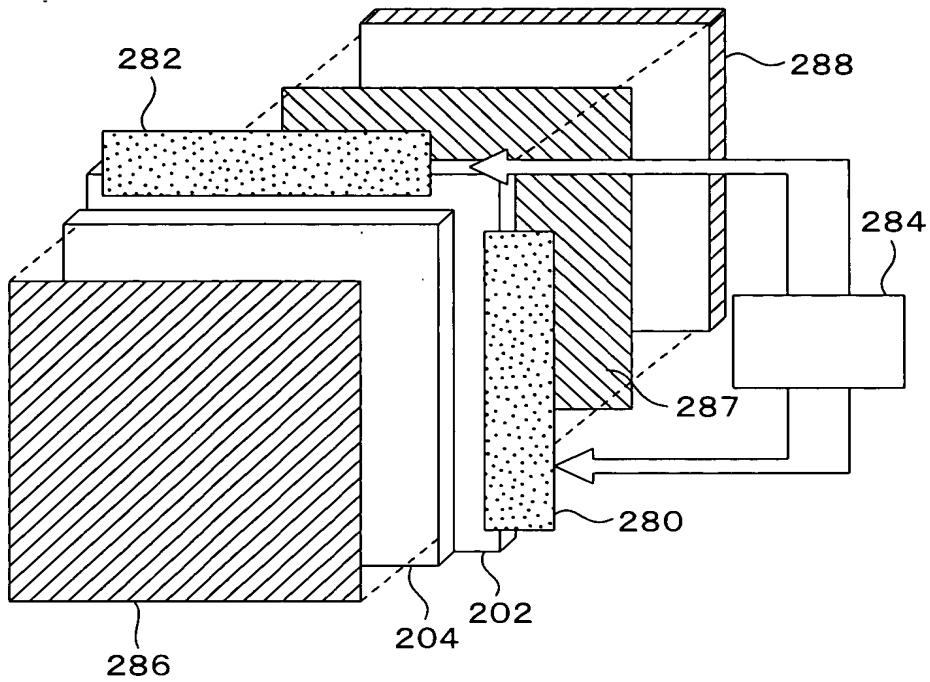


FIG. 19

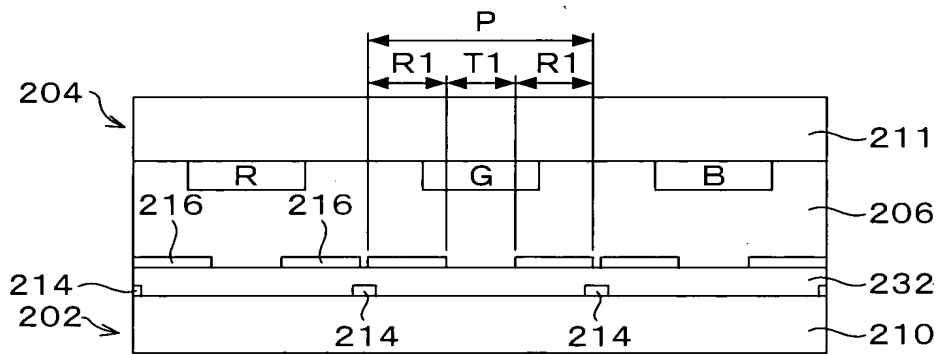
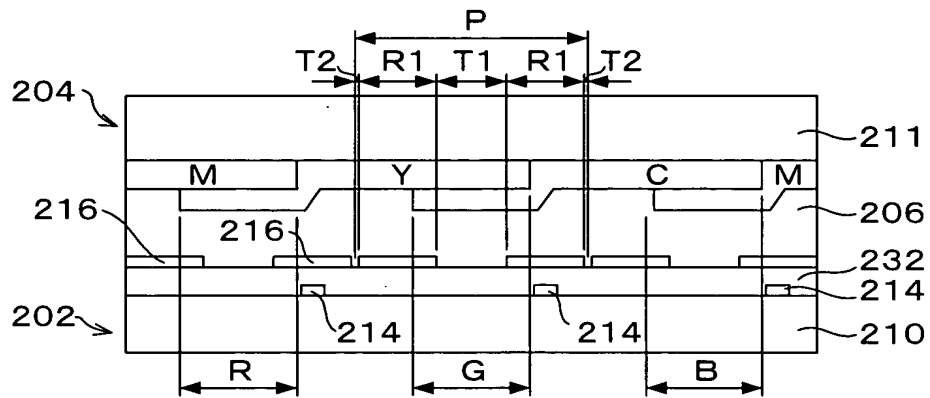


FIG. 20



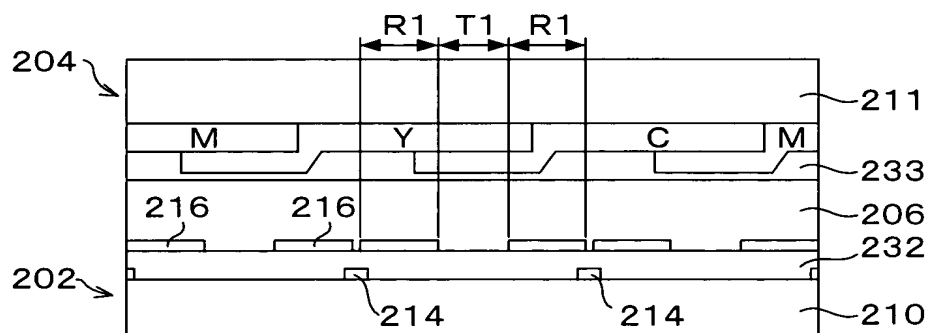


FIG. 22A

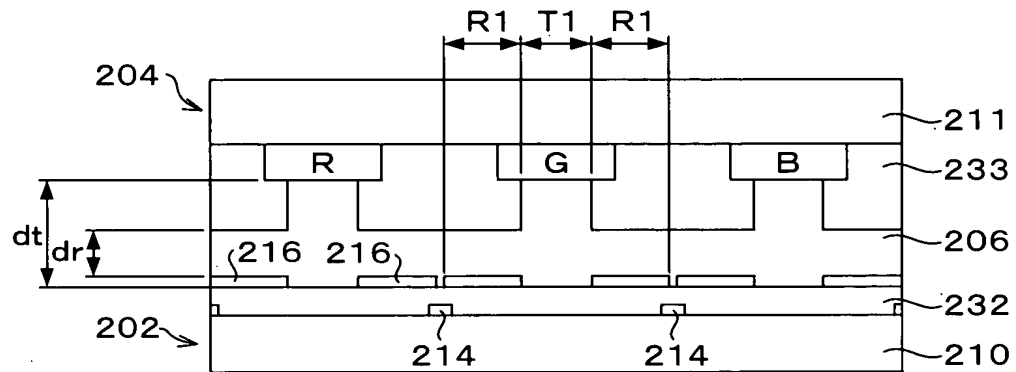


FIG. 22B

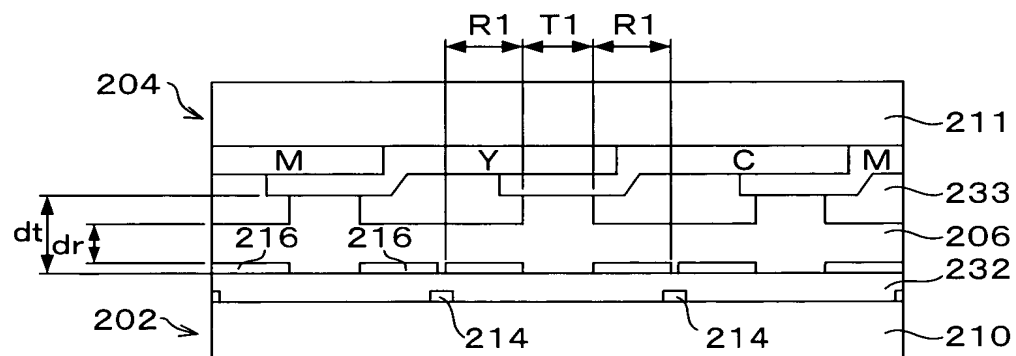


FIG. 23

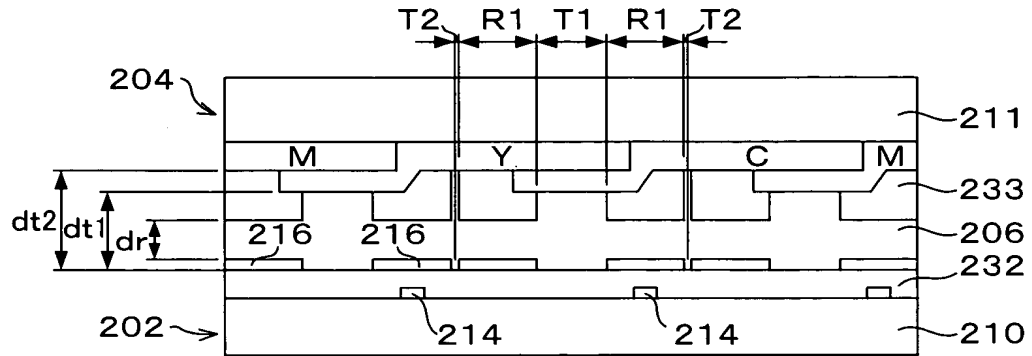


FIG. 24A

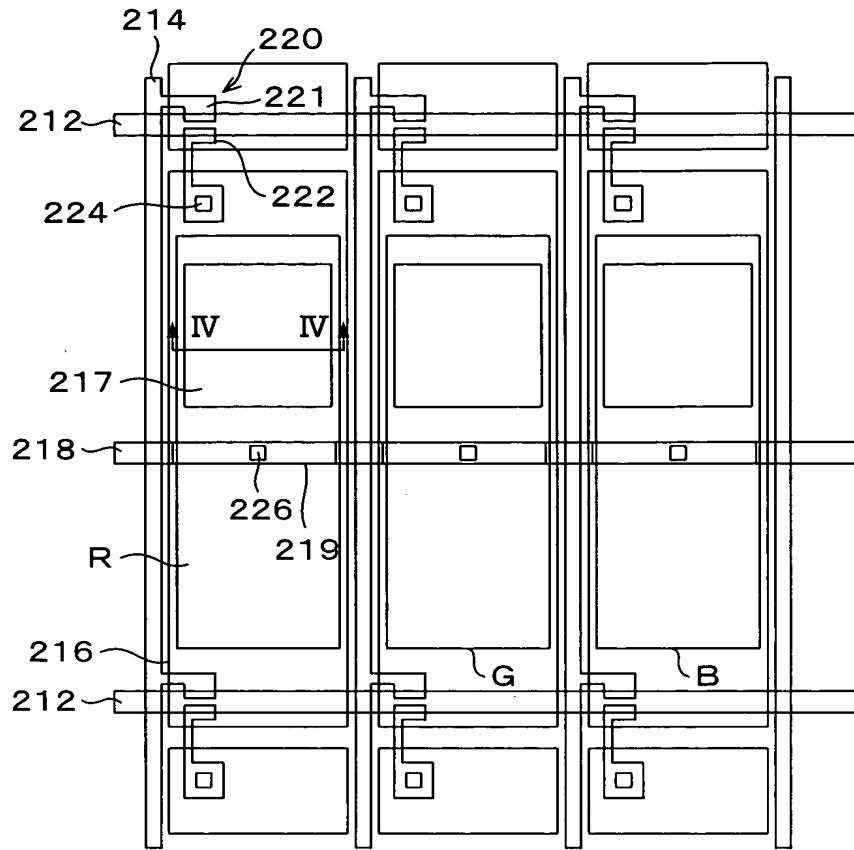


FIG. 24B

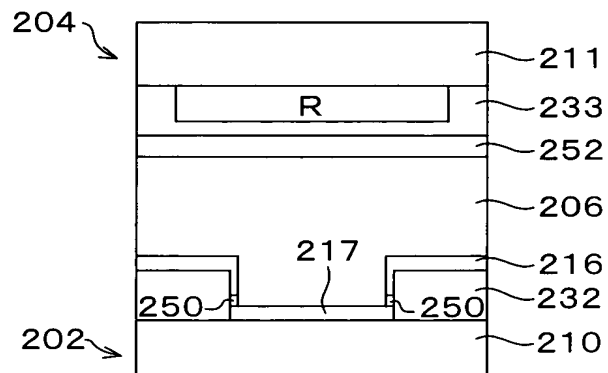


FIG. 25

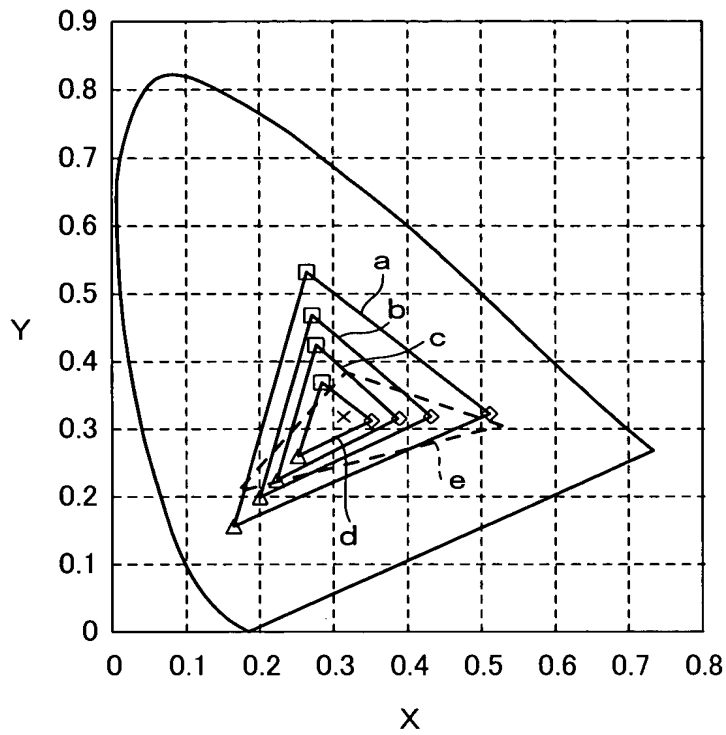


FIG. 26A

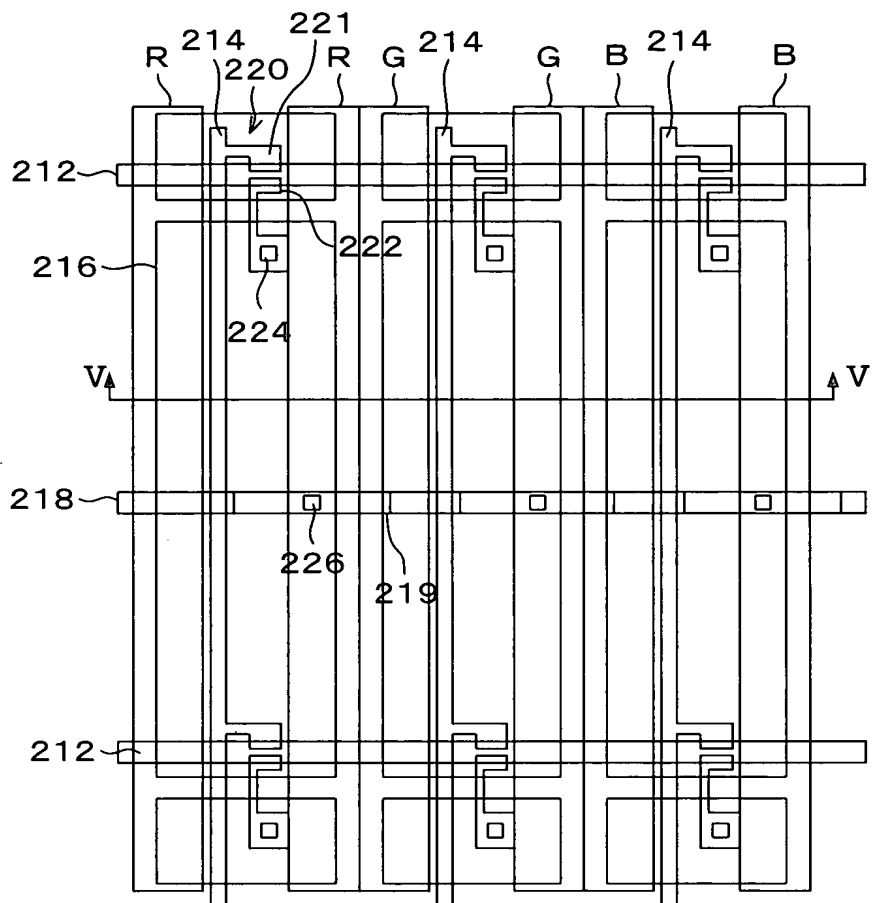


FIG. 26B

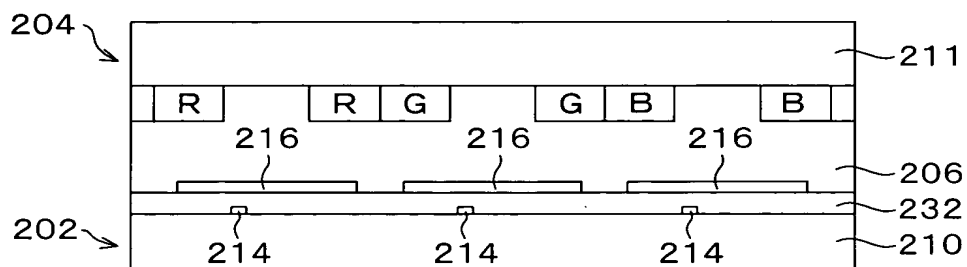


FIG. 27A

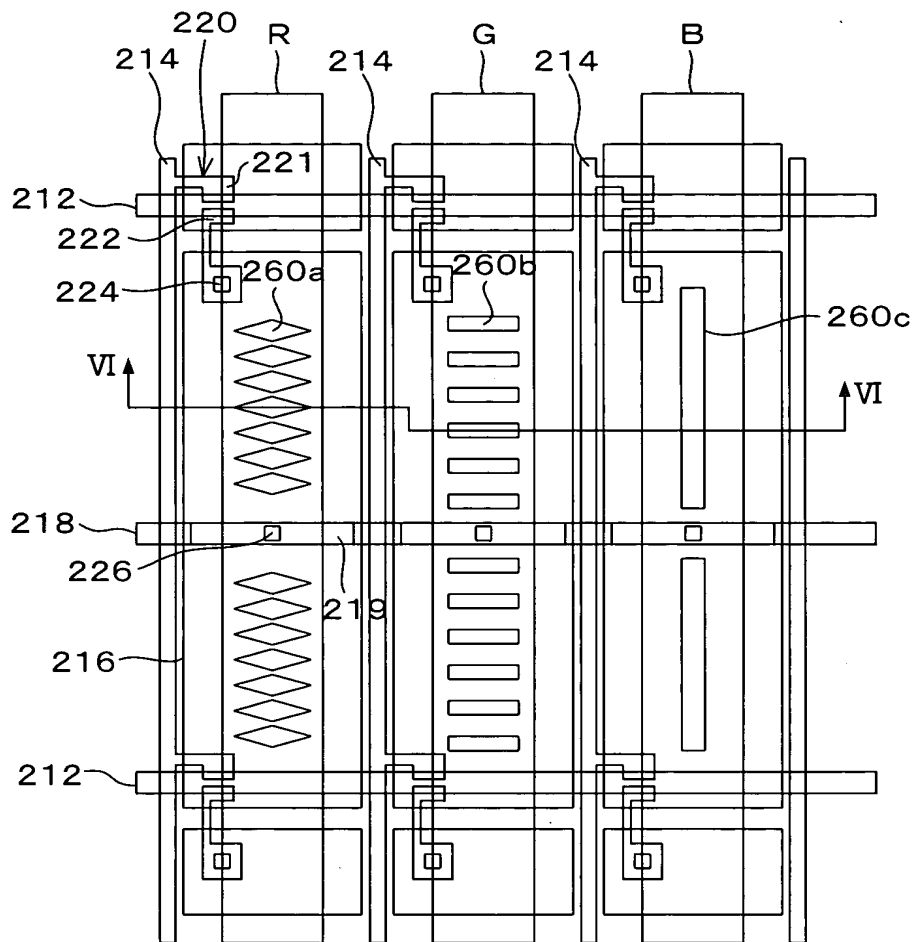


FIG. 27B

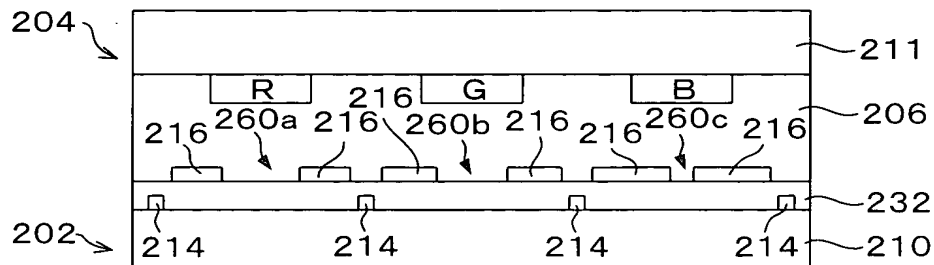


FIG. 28B

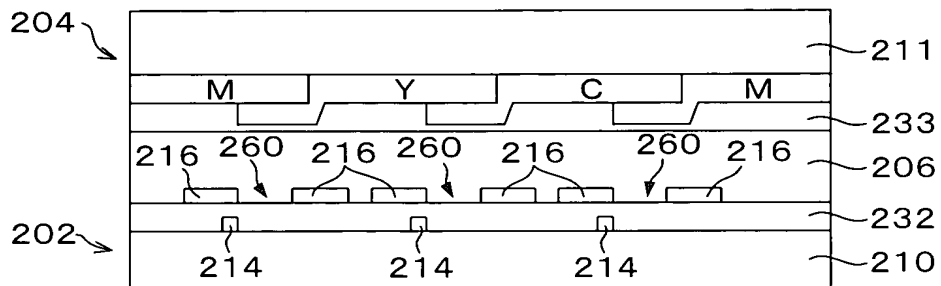


FIG. 29

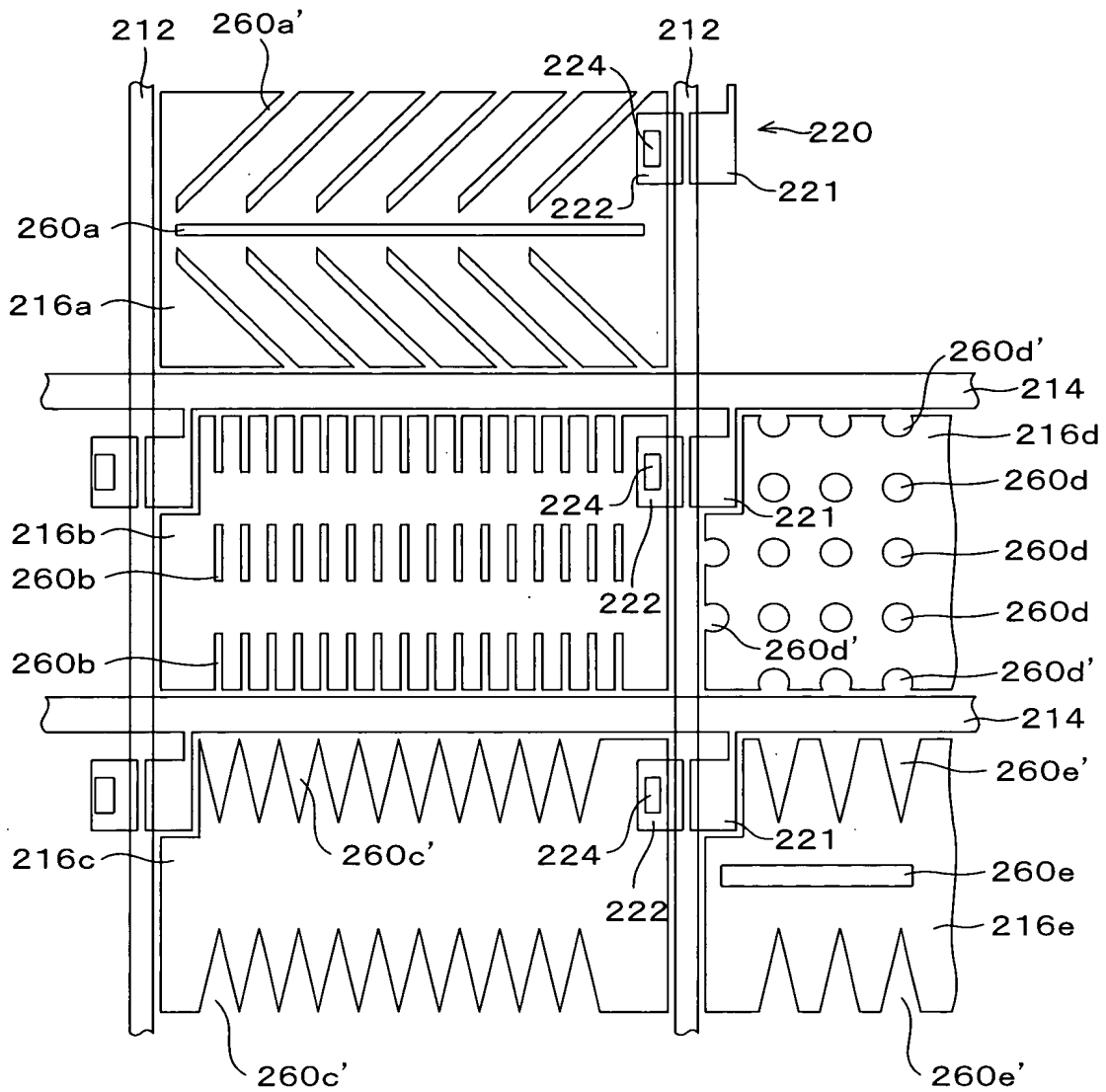


FIG. 30

